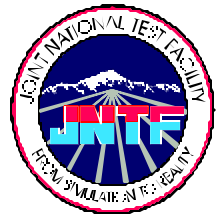




FACT SHEET



JNTF FACT SHEET 98-009

Joint Defensive Planner Support (JDPS)

MISSION

Under the sponsorship of Ballistic Missile Defense Organization (BMDO), Joint Theater Air Missile Defense Organization (JTAMDO), and United States Air Force (USAF) Air Combat Command (ACC), the Joint Defensive Planner (JDP) will provide operational level Theater Air and Missile Defense (TAMD) planners, including theater Commanders-in-Chief (CINCs), Joint Force Commanders, and Component Commanders, with a joint application for TAMD planning and plan execution monitoring. JDP will deploy evolutionary software releases that refine JDP functional applications and insert new technology for TAMD planning. As a Theater Battle Management Core System (TBMCS) and Global Command and Control System (GCCS) application, JDP will comply with Defense Information Infrastructure Common Operating Environment (DII COE) standards. The primary goal of JDP is to provide a seamless and fully interoperable air and missile defense planning capability to do TAMD planning and execution monitoring across all military branches in all theaters of operation.

JDP is designated an operational system; the main components are models of systems and the interactions (i.e., simulations) between those models.

The use of Modeling and Simulation (M&S) is growing throughout the Department of Defense (DoD) to support acquisition programs, to analyze strategic and tactical alternatives in conflict situations, and to train personnel from the unit to the command level. This increased usage was spurred in part by increasing capabilities of computer systems. These capabilities result in larger and more faithful (credible) simulations of systems, operations, and environments.



WHERE WE FIT IN

The M&S developer for JDP is the USAF Electronic Systems Center (ESC). ESC has further assigned program management and technical authority for the JDP development program to Air Force Research Lab (AFRL) Rome Research Site. The Joint National Test Facility (JNTF) is the designated Verification, Validation and Accreditation (VV&A) agent for BMDO for the JDP product.

The VV&A process is integral to the JDP life cycle. The primary purpose of the VV&A effort is to establish the credibility of the JDP application. The VV&A agent derives and accumulates data that will support a judgment or accreditation decision regarding the acceptability of the JDP application. This approach seeks to minimize cost and risk by ensuring that discrepancies are

identified early in the development cycle and addressed quickly.

The JDP VV&A process implements policies, guidance, and directives described in various DoD and BMDO Directives, as well as the DoD VV&A Recommended Practices Guide (RPG). This process provides the foundation for building a high degree of confidence in the utility and inherent accuracy of this joint TAMD active defense planner. Accreditation of JDP as the planning tool for TAMD is the culmination of the VV&A process. Verification and Validation activities exist to support Accreditation by providing the requisite data to make an informed accreditation decision.

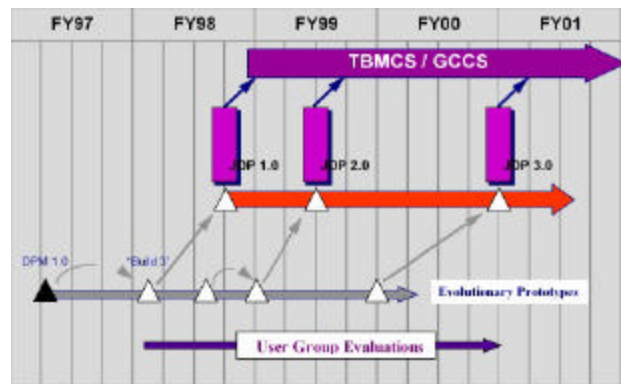
STATUS

JDP VV&A events are primarily dependent upon deliverables from the developer. Table 1 and Figure 1 display key dates in the development of JDP. TBMCS dates are also shown since JDP is being developed as a TBMCS segment. Delivery of JDP products will remain consistent with TBMCS deliveries.

Table 1: JDP Integrated Program Schedule

Date	Activity
2-4 Qtr FY97	JDP 2.0/3.0 Requirements Refinement
1st Qtr FY98	JDP Build 3 complete
Mar 98	V&V of Build 3 complete
Apr 98	JDP 2.0 Evolutionary Prototype (EP) 1 complete
Jun 98	JDP 1.0 complete
Aug 98	JDP 2.0 EP 2 complete
Sep 98	V&V of JDP 1.0 complete
Oct 98	TBMCS 1.0 complete
Dec 98	JDP 2.0 software complete
Apr 99	TBMCS 1.1 complete
Jan-Jun 98	V&V JDP 2.0 & TBMCS integration
Oct 99	TBMCS 1.2 complete
Ongoing	User Reviews
Jul 00	JDP 3.0 software complete

Figure 1: JDP Schedule



CONTACT

If you would like more information on JDP VV&A activities, please contact:

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